

FIG. 1

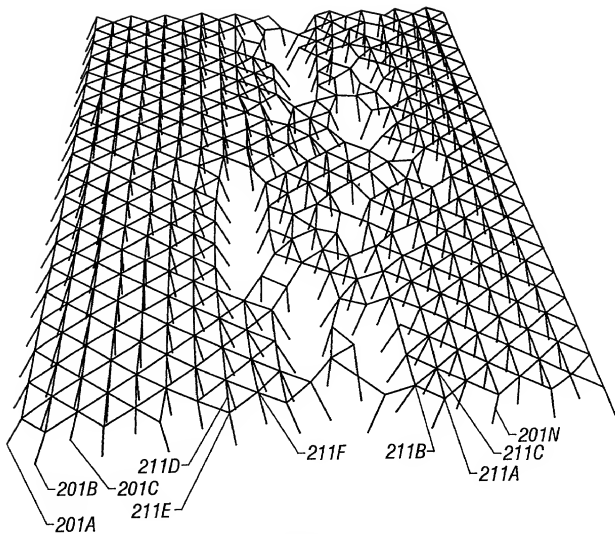


FIG. 2A

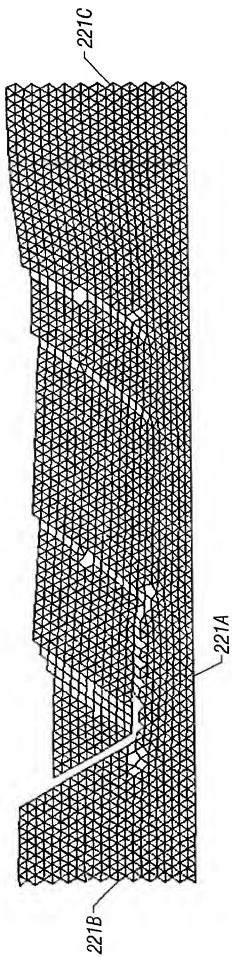


FIG. 2B

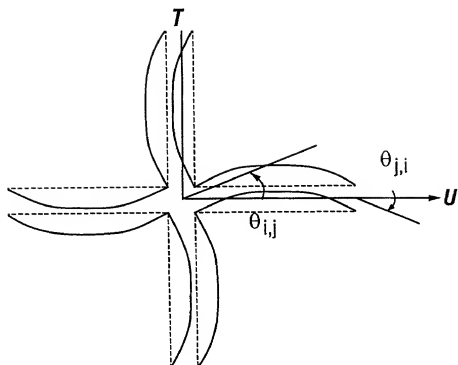


FIG. 3A

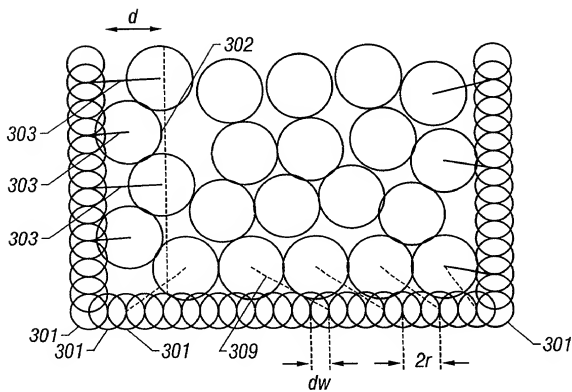


FIG. 4A

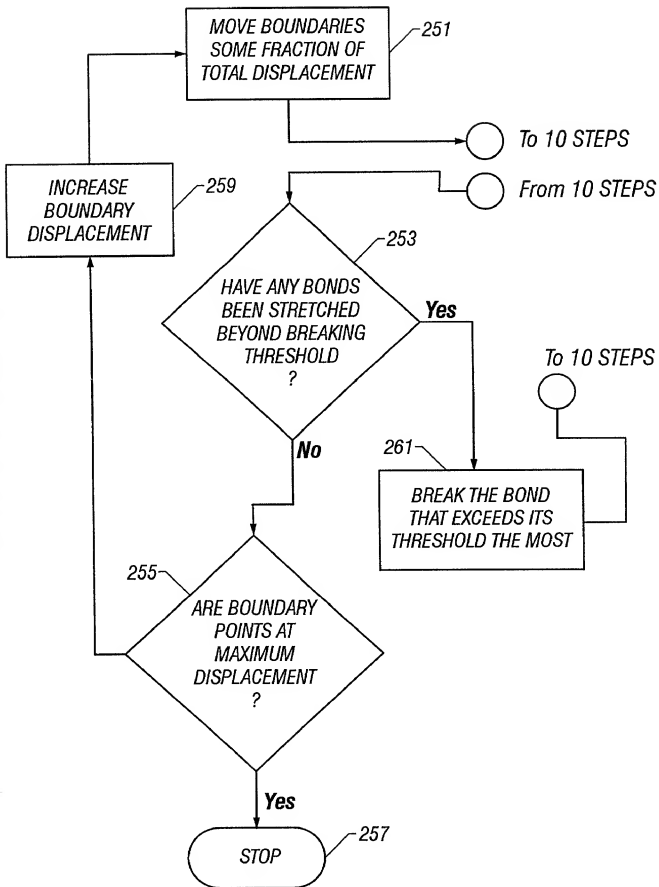


FIG. 3B

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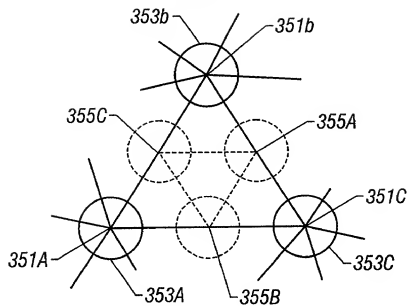


FIG. 4B

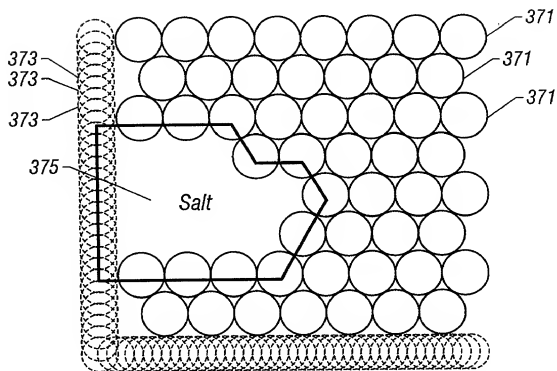


FIG. 4C

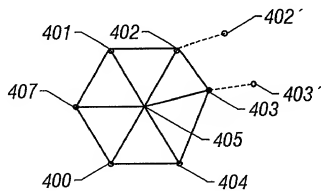


FIG. 5

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515

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File Edit View Parameters Project Run Animate
Help

Mode: 2D 517

X Setup Run | < Analyze Run

Lattice Size X: 20

XV Aspect Ratio: 1.00 XZ Aspect Ratio: 0.20

Date:

File ID:

Virtual Time: 0.0

Deformation

Condition

Material

☐

0.0

1.0

0.0

1.0

1.0

1.0

1.0

1.0

FIG. 6

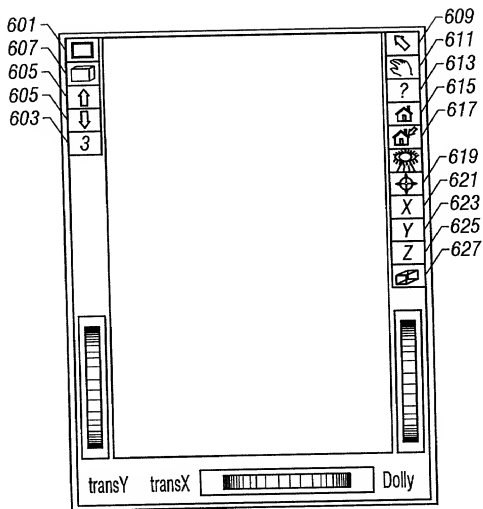


FIG. 7

673 667 675

☐ Set Run Parameter

Run ID: testrun_A13:

Date: Thu May 27 15:39:16 1999

Random Number Generator Seed: 93559

Set new seed

Mode: 3D

Bond Model:

679 685

Initial Fault Pattern: New Lattice

Pattern File:

681

Lattice Type: Triangular

Lattice Size X: 20

XYAspect Ratio: 1.00

683

Disorder Parameter

Number of Setup planes: 5

XZAspect Ratio: 20

687

Gravity Constant: 0.0100

Wall Attachment... ☒ Repulsion

693 697

Relaxation threshold: 1.000e-03

Overrelaxation Factor: 1.000e+00

Time Step: 1.000e-03

691

Angular Relaxation threshold: 1.000e-03

Angular Overrelaxation Factor: 1.000e+00

705

Maximum Movement During Relaxation: 1.000e-01

(In units of average equilibrium length)

703

Annotation:

699

Generate output files:

(Measured in units of total virtual run time)

Output at stages: 0.00 0.25 0.50 0.75 1.00

651

653 655 657

FIG. 8



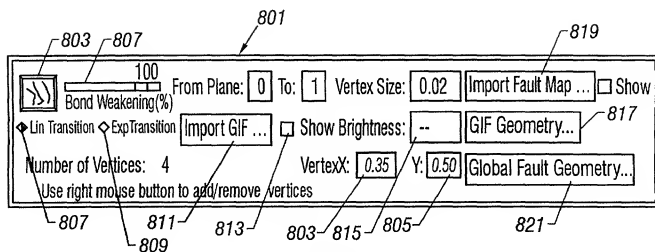


FIG. 10

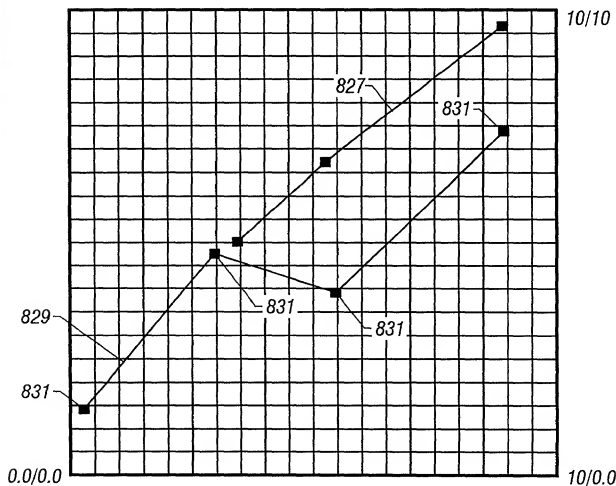


FIG. 11

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851 853 855 857 859 867

LinBond Thrs'Mean: 0.10 LinBond Thrs'SDev: 0.010 Density: 1.00 Force Constants:

Set Color ... ShearStress Thrs'Mean: 0.00 ShearStress Thrs'SDev: 0.000 ExcessHght: 1.50

Material Type: Rock From Plane: 0 To: 4 VertexX: --- Y: ---

Use right mouse button to add/remove region vertices

861 863 865

FIG. 12

901

Rel. Linear Force Constant k: 1.000e+00

903

Rel. Shear Force Constant k_s : ---

907

Substrate Attachment Force Constant k_G : 0.000e+00

909

Substrate Attachment Torque Constant k_{G0} : ---

905

Gamma: ---

911

Wall Attachment Force Constant Left: 1.000e+00

911

Wall Attachment Force Constant Right: 1.000e+00

911

Wall Attachment Force Constant Front: 1.000e+00

911

Wall Attachment Force Constant Rear: 1.000e+00

911

Wall Attachment Force Constant Bottom: 1.000e+00

913

Salt Compressibility: ---

Done Apply Cancel

FIG. 13